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# OUR Vision

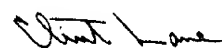
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**I**n 2001 Aldrich will celebrate 50 years of continuous service to the scientific community. With your support, Aldrich has grown and changed, but has remained ever focussed on serving the needs of chemists and other scientists worldwide.

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Our commitment to your success will always be our driving force. Should you have any suggestions for ways we can better serve your needs, please do not hesitate to contact us. We continue to be **"Chemists Helping Chemists"**.



Clint Lane  
President

EXHIBIT

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*Clint Lane*

Clint Lane  
President

## Contents

Customer Service .....	F2
Internet Service .....	F3
Production .....	F4-F5
New Products .....	F6
"Please Bother Us" .....	F7
Glass Shop .....	F8
Chemists Helping Chemists .....	F9
Supporting the Chemical Community .....	F10
<i>Aldrichimica Acta</i> .....	F11
Aldrich Product Labels .....	F12
How to Use this Handbook .....	F13
Key to Chemical Listings .....	F14
Special Packaging & Services .....	F15
• Pure-Pac™ containers	
• Sure/Seal™ bottles	
• Kilo-Lab™ cylinders	
MINI-BULK™ Containers .....	F16

<b>CHEMICALS</b> .....	1-1750
(alphabetical order)	
Kits .....	1751-1753
Molecular Formula Index ..	1755-1932
CAS Number	
Cross-Reference .....	1933-1994
Product Number Index .....	1995-2061
<b>TECHWARE</b> .....	T1-T795
Techware Index .....	T796-T825
Abbreviations & Acronyms ..	T826-T829
Tables and Charts .....	T830-T833
Trademarks and Registered Trademarks .....	T834-T837
General Information .....	T838-T842
Periodic Table .....	T843
Worldwide Service & Technical Support .....	T844-T845
Computer Search Fax Form .....	T846

## The Lute Player by Orazio Gentileschi

Appearing on our cover, *The Lute Player* (oil on canvas, 56½ x 50¼ in., c. 1612-1620) has been called **Orazio Gentileschi's** masterpiece. It shows a young woman seated at a table on which there are music sheets, a violin, a recorder, a flute, and a cornet. That she may be an allegory of Music, Harmony, or the Sense of Hearing are ideas that have been suggested but not substantiated. The grace and quiet concentration of the figure, and the somewhat melancholy and poetic atmosphere, however, raise the painting from the level of a common genre scene to that of a kind of idealization of musical creation.

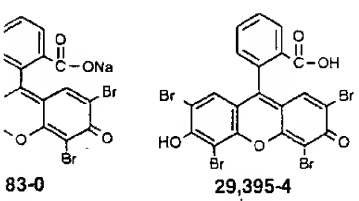


For many years, *The Lute Player* was thought to be a work of the artist **Caravaggio**. However, in 1922, the attribution was corrected when it was seen that the actual bill of sale of the painting to the prince of Liechtenstein in 1697 shows that it entered the prince's collection as a work of Gentileschi. Caravaggio's influence shows everywhere in Gentileschi's painting, beginning with the subject, as Caravaggio had also painted a *Lute Player* in the late 1590s. Aside from the musical theme, the influence of the earlier artist is evident in the mundane subject, the naturalistic rendering of the figure and other objects in the picture, the shallow space of the composition, the dramatic contrast of light and shadow, and the use of a strong diagonal shaft of light flowing into the space.

This painting is part of the Ailsa Mellon Bruce Collection at the National Gallery of Art in Washington, D.C.

If you would like a reproduction of this painting, we will be happy to send you a full-color print (11 x 14 in.) for \$4.00 (to cover postage and handling). Please request **Z25,188-7** and specify *The Lute Player* from the cover of the 2000-2001 Aldrich Handbook. You can also contact us for a list of paintings that have appeared in Aldrich publications and are available as full-color prints.

5'-dibromo-2',7'-.....	10g	15.30
nm Beil. 19,233 Merck	25g	30.40
	100g	99.00
1 Azure A (86,104-9) as differential staining of histopathologic Technic p 118. (3) Stain		
11 mp 275°(dec.) .....	25g	24.70
Vis 302	100g	70.80
843D UV-Vis 303 .....	25g	29.90
Eosin Yellow sh, .....	25g	11.90
λ <sub>max</sub> 517nm Merck	100g	34.20
FECS# LM5850000		
microgram amounts. 1		
puscles. 2 Component		
ocytes. 3 (1) Anal.		
Res. 1902, 7, 138. (3)		
5380, Eosin.....	25g	11.30
)	100g	32.60
1,130.85 mp 177-179°.	5g	28.70
N 794.20 mp 155°(dec.)	5g	34.60
tetrabromo-.....	500mL	30.10
ck Index 12,3639		
30:2, Solvent Red 43,	5g	16.40
oil, 19,228	25g	53.60
30		
1t Red 43,.....	25g	15.00
	100g	44.70
9		
(1-methylaminoethyl)benzyl	5g	25.50
p 255° d 1.124	25g	41.10
39 9,209 11,230 14,159	100g	84.20
1(1),1277C		
T HYGROSCOPIC		
ation of optically pure		
(2) Tetrahedron:		
(1) Synth. Commun.		
% D .....	100mg	193.90
i -34° (c=4, D <sub>2</sub> O)		



# Ephedrine

86,223-1	(1 <i>R</i> ,2 <i>S</i> )-(-)-Ephedrine hydrochloride, 99% [50-98-6] [(1 <i>R</i> ,2 <i>S</i> )-(-)-α-(1-methylaminoethyl)benzyl alcohol hydrochloride] C <sub>6</sub> H <sub>5</sub> CH[CH(NHCH <sub>3</sub> )CH <sub>3</sub> ]OH · HCl	25g	29.10
★	FW 201.70 mp 216-220° [α] <sub>D</sub> <sup>25</sup> -34° (c=4, H <sub>2</sub> O) Beil. 13,637 Fieser 14,159 15,154 Merck Index 12,3645 FT-NMR 1(2),586B R&S 1(1),1475D RTECS# KB1750000 TOXIC IRRITANT	100g	53.40
86,039-5	(1 <i>R</i> ,2 <i>S</i> )-(-)-Ephedrine nitrate, 99% [81012-98-8] [(1 <i>R</i> ,2 <i>S</i> )-(-)-α-(1-methylaminoethyl)benzyl alcohol nitrate] C <sub>6</sub> H <sub>5</sub> CH[CH(NHCH <sub>3</sub> )CH <sub>3</sub> ]OH · HNO <sub>3</sub> FW 228.25 mp 126-128° [α] <sub>D</sub> <sup>21</sup> -31° (c=5, H <sub>2</sub> O) Fieser 14,159 15,154 FT-IR 1(1),1277D Safety 2,1515A R&S 1(1),1475E LIGHT-SENSITIVE	25g	142.70
28,574-9	★ Ephedrine hydrochloride, 99% [134-71-4] [α-(1-methylaminoethyl)benzyl alcohol hydrochloride] C <sub>6</sub> H <sub>5</sub> CH[CH(NHCH <sub>3</sub> )CH <sub>3</sub> ]OH · HCl FW 201.70 mp 188-190° [α] <sub>D</sub> <sup>25</sup> 0° (c=2, H <sub>2</sub> O) Beil. 13(1),254 Merck Index 12,3645 FT-NMR 1(2),586C Safety 2,1514C R&S 1(1),1475F RTECS# KB1575000	25g	36.40
★		100g	57.90
31,673-3	(1 <i>S</i> ,2 <i>R</i> )-Ephedrine hemihydrate, 98% [(1 <i>S</i> ,2 <i>R</i> )-(+)-α-(1-methylaminoethyl)-benzyl alcohol] C <sub>6</sub> H <sub>5</sub> CH[CH(NHCH <sub>3</sub> )CH <sub>3</sub> ]OH · 1/2H <sub>2</sub> O FW 174.25 mp 39-43° Fp >230°F(110°C) [α] <sub>D</sub> <sup>19</sup> +40.5° (c=5, 1 <i>N</i> HCl) Fieser 5,289 9,209 14,159 15,154 FT-NMR 1(2),585C Safety 2,1513C R&S 1(1),1475B RTECS# KB0600000 IRRITANT HYGROSCOPIC	25g	36.90
★			
49,102-0	(1 <i>S</i> ,2 <i>R</i> )-(+)-Ephedrine- <i>N</i> -methyl- <i>d</i> <sub>3</sub> hydrochloride, 98 atom % D C <sub>6</sub> H <sub>5</sub> CH[CH(NHCD <sub>3</sub> )CH <sub>3</sub> ]OH · HCl FW 204.72 mp 221-225° [α] <sub>D</sub> <sup>25</sup> +35° (c=1, H <sub>2</sub> O) IRRITANT HYGROSCOPIC Manufactured by ISOTEC INC.	100mg	193.90
85,733-5	★ (1 <i>S</i> ,2 <i>R</i> )-(+)-Ephedrine hydrochloride, 99% [24221-86-1] [(1 <i>S</i> ,2 <i>R</i> )-(+)-α-(1-methylaminoethyl)benzyl alcohol hydrochloride] C <sub>6</sub> H <sub>5</sub> CH[CH(NHCH <sub>3</sub> )CH <sub>3</sub> ]OH · HCl FW 201.70 mp 218-220° [α] <sub>D</sub> <sup>23</sup> +34.3° (c=5, H <sub>2</sub> O) Beil. 13,636 Fieser 14,159 15,154 FT-NMR 1(2),587A FT-IR 1(1),1278A Safety 2,1514D R&S 1(1),1475G RTECS# KB1925000 IRRITANT LIGHT-SENSITIVE	1g	15.40
★		25g	36.20
23,440-0	Epandrosterone, 97% [481-29-8] (trans-androsterone, 5α-androstan-3β-ol-17-one, isoandrosterone) FW 290.45 mp 172-174° [α] <sub>D</sub> <sup>25</sup> +92° (c=1, CH <sub>3</sub> OH) Beil. 8(4),584 Merck Index 12,3646 FT-NMR 1(3),573A FT-IR 1(2),1050C Safety 2,1515C R&S 1(2),2857L	1g	13.40
		5g	44.60
E101-2	★ Epibromohydrin, 98% [3132-64-7] (1-bromo-2,3-epoxypropane) FW 136.98 mp -40° bp 134-136° <i>n</i> <sub>D</sub> <sup>20</sup> 1.4820 d 1.601 Fp 133°F(56°C) Beil. 17,9 FT-NMR 1(1),370B FT-IR 1(1),232A Safety 2,1516D R&S 1(1),247L RTECS# TX4115000 HIGHLY TOXIC CORROSIVE	5g	14.80
★		100g	38.80
		500g	128.90
85,523-5	(-)-Epicatechin, 97% [490-46-0] FW 290.27 mp 240°(dec.) [α] <sub>D</sub> <sup>23</sup> -51.3° (c=0.6, H <sub>2</sub> O/CH <sub>3</sub> COCH <sub>3</sub> , 1:1) Beil. 17,214 FT-NMR 1(2),326A FT-IR 1(1),1120D R&S 1(1),1357K RTECS# KB3745000	100mg	13.40
★		1g	54.00
		5g	215.60
36,157-7	( <i>R</i> )-(-)-Epichlorohydrin, 99% [51594-55-9] FW 92.53 bp 92-93°/360mm <i>n</i> <sub>D</sub> <sup>20</sup> 1.4380 d 1.183 Fp 93°F(33°C) [α] <sub>D</sub> <sup>25</sup> -34° (c=1, CH <sub>3</sub> OH) Beil. 17(1),4 FT-NMR 1(1),369C R&S 1(1),247J RTECS# TX4900000 HIGHLY TOXIC CANCER SUSPECT AGENT 97% ee/GLC	250mg	12.80
		1g	29.90
		5g	102.20
49,251-5	Epichlorohydrin- <i>d</i> <sub>5</sub> , 98 atom % D [69533-54-6] FW 97.57 mp -57° bp 115-117° <i>n</i> <sub>D</sub> <sup>20</sup> 1.4380 d 1.247 Fp 93°F(33°C) HIGHLY TOXIC CANCER SUSPECT AGENT Manufactured by ISOTEC INC. Stabilized with hydroquinone	1g	317.70
49,250-7	Epichlorohydrin-2- <i>d</i> , 97 atom % D [70735-27-2] FW 93.53 mp -57° bp 115-117° <i>n</i> <sub>D</sub> <sup>20</sup> 1.4380 d 1.196 Fp 93°F(33°C) HIGHLY TOXIC CANCER SUSPECT AGENT Manufactured by ISOTEC INC. Stabilized with hydroquinone	250mg	878.70
24,069-9	★ Epichlorohydrin, 99+% [106-89-8] (1-chloro-2,3-epoxypropane) FW 92.53 mp -57° bp 115-117° <i>n</i> <sub>D</sub> <sup>20</sup> 1.4380 d 1.183 Fp 93°F(33°C) Beil. 17,6 Fieser 1,355 4,222 5,290 Merck Index 12,3648 FT-NMR 1(1),369B FT-IR 1(1),231D Safety 2,1517A R&S 1(1),247I RTECS# TX4900000 HIGHLY TOXIC CANCER SUSPECT AGENT Employed in the preparation of polyglycidyl ethers <sup>1</sup> and as a cross-linking agent for polymers. <sup>2</sup> (1) Synthesis 1993, 487. (2) Chromatographia 1993, 37, 603.	100g	21.70
E105-5	★ Epichlorohydrin, 99% [106-89-8] (1-chloro-2,3-epoxypropane)	5g	12.80
★		100g	13.00
		1kg	20.20
		3x1kg	57.10

